

**Commonwealth of Kentucky**  
**Division for Air Quality**

**TITLE V PERMIT APPLICATION SUMMARY**

Completed by: Sreenivas Kesaraju

General Information

Name:	Dart Container Corporation of Kentucky
Address:	975 Dixie, U.S. Highway 31 West P.O. Box 309 Horse Cave, Kentucky 42749
County:	Hart
Date application received:	December 10, 1996
SIC/Source description:	3086
AFS(9-digit) or CDS (10-digit) Plant ID:	21-099-00024
EIS #:	105-1700-0024
Finds #:	KYD098958580
Application log number:	E828
Permit number:	V-97-037

Application Type/Permit Activity

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
<input type="checkbox"/> Administrative	<input checked="" type="checkbox"/> Title V
<input type="checkbox"/> Minor	<input checked="" type="checkbox"/> Synthetic minor
<input type="checkbox"/> Significant	<input type="checkbox"/> PSD
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating
	<input checked="" type="checkbox"/> Operating

Compliance Summary

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

Applicable Requirements list

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP	<input type="checkbox"/> Other
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> State-Origin	

Miscellaneous

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☒ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☒ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants)

## Emissions

Pollutant		Actual Emissions (tpy)	Potential Emissions (tpy)
Carbon Monoxide		3.18	3.18
Nitrogen Oxides		12.72	12.72
Sulfur Dioxide		0.09	0.09
PM/PM10		1.853	1.853
VOC		174.87	238.5
Single HAPs	Styrene	6.27	25.93
	Methanol	1.63	3.65
	Formaldehyde	1.63	3.65
Total HAPs		9.532	33.23

## Source Process Description:

The major processes that are in operation at this source are expandable (EPS) molding, direct injection (DI) extrusion, thermoforming and injection molding. Foam cups and containers are produced by EPS molding, cold cups and impact plates and containers are produced by extrusion and thermoforming, and plastic cutlery through injection molding.

## Emission Caps description:

This permit is being issued as synthetic minor/Title V permit. Dart Container has requested a source wide VOC emissions limit of 240 TPY to preclude the applicability of PSD.

## Operational Flexibility:

The source has requested flexibility to install additional molds and extruders as their business demands. The draft permit includes this flexibility as the emissions are restricted at these affected facilities. Also the permit contains provision for alternate operating scenario for cup molding. This allows them to install control equipment at the pre-expanders in cup molding and use the emission reduction (measured by continuous emissions monitor) towards increased production rates.